AEE/KDSD/SBD/96/17-18
dt:26/9/17

Original/Duplicate/Triplicate

No. 1ST & FINAL BILL

CONTRACT CERTIFICATE

(For Other Works)

Date : .....

Division DD

Sub-Division

Bill Received No. ..... Dated .....

Cash Book Voucher No. ..... Dated :.....

Scheduled Doctet No. .....

Head of Account .....

Name of work (as per sanctioned estimate) IMPROVEMENT TO ROADS AND DRAINS 11TH B AND 12TH CROSS ROADS AT VISHWESHWARAIAH LAYOUT IN WARD NO. 14

Name of Contractor and Full Address TECHNICAL MANGER (WEST), KRIDL

Reference to Agreement No. EE/DD/WO/ 036 / 2017-18 Date: 23.08.2017

Certified that the measurements were taken by me on .....and recorded in pages ..... of measurements Book No..... and that the work is satisfactorily executed.

Contractor

Officer - in - charge of work

Certified that the measurements were checked by me on 26/9/17 and found correct. The work is satisfactorily executed. Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

If Memorandum of Payment

JOB NO : 014-18-000007

Sub - Division Officer

		AMOUNT
1.	Total value of work done or supplies made as per account.	--
2.	Deduct amount to be held in reserve being ..... percent Rs.	--
3.	- do - Balance	--
4.	Deduct Payments :	
	a) Amount of previous payment as in the Office Cash Book Voucher No..... Dated ..... S.D. No.	
	Amount adjusted towards cash advance recovery of	
	b) Payments cost store or other materials supplied.	
5.	Balance being unpaid value of work done held in reserve	Total --
6.	Deduct cash advance made on the office Cash Book Vehicle No. ..... dated ..... less adjustments	
7.	Net amount due to or from contractor	
	Unadjusted items	
8.	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied.	
	Total amount adjusted --	

1st and Final Bill → 4989188=00
IS → 99784=00
LWC → 49892=00
LR → 58578=00
FSD → 249459=00
CBF → 4989=00
(-) 462642=00
Net Amount → 4526546=00

Contractor Signature

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Received Rs. ..... (in words)

..... by cash and by adjustment of

Payment as per memorandum.

(In final settlement of all demand)

Witness :

1.

2.

Date

Paid by me by cheque No..... Dated .....

Cash Rs. ..... Dated .....

Initials of Officer making payment dated .....

Stamp

Signature of Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

(For use in the Office)

Audited and admitted for Rs. 4989188=00

Passed by Cheque for Rs. 4526546=00

462642=00

Director

BBMP Dasarahalli Division

	Items of work (grouped under sub-heads the sub works of the estimate)	Unit	Previous		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 metres and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.	Cum			1247.46	86.92	108429.00	1247.46	108429.00	
2	Removing B.S slab of Drain and stacking	Cum			245.16	65.72	16112.00	245.16	16112.00	
3	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth,including cost of all materials, labour HOM of machinery curing complete as per specifications.	Cum			47.67	5159.02	245930.00	47.67	245930.00	
4	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs, with 20 mm and down size graded granite metal coarse aggregates @ 0.84 cum and fine aggregates @ 0.56 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation plinth and cills including cost of all materials, labour HOM of machinery curing complete as per specificati	Cum			7.26	5598.92	40648.00	7.26	40648.00	
5	Refixing stone slabs of drains and pointing in C.M (1:3)	Sqm			367.74	80.56	29625.00	367.74	29625.00	
6	Providing a granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete for 7.5 cms thick (Page	Sqm			245.16	665.68	163198.00	245.16	163198.00	
7	Providing and construction load bearing wall with solid concrete block of Size 400x200x200mm having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1) : 2005 and constructed CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges scaffolding, curing, hire charges of machineries etc., Complete as specification	Sqm			181.60	961.42	174594.00	181.60	174594.00	
8	Supplying and fixing precast rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift convayance charges, inclusive of cost of all materials.	Sqm			408.60	1680.00	686448.00	408.60	686448.00	
9	Construction of granular sub-base by providing coarse graded material, spreading in uniform layers with mortor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per specifications.	Cum			462.00	1518.98	701769.00	462.00	701769.00	
10	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cum			581.90	1768.08	1028846.00	581.90	1028846.00	
11	Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM, WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using meachanical means complete as per specifications.	Sqm			2530.00	27.56	69727.00	2530.00	69727.00	
12	Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm			2530.00	11.66	29500.00	2530.00	29500.00	
13	Providing and laying bituminous macadam on prepared surface with cushed coarse aggregates as per design mix formula for base/binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specification.	Cum			126.50	5129.34	648862.00	126.50	648862.00	

	Items of work (grouped under sub-heads the sub works of the estimate)	Unit	Previous		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
14	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No.500.9 complete in all respects complete as per specifications.	Cum			75.90	7083.98	537674.00	75.90	537674.00	
15	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 10 Km a)Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b)Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c)Add loading and unloading Complete as per specification and direction of Engineer-in-charge of the work.	Cum			1247.46	84.00	104787.00	1247.46	104787.00	
	Sub Total						**4586149.00**		**4586149.00**	
	Add KRIDL Charges 9%						**412753.00**		**412753.00**	
	Total						**4998902.00**		**4998902.00**	

CERTIFICATE:

1 Work done is satisfactory

2 There are no departmental issuesmade to the contractor

3 The contractor has cleared all debrice from work spot

Sd/- 26/12/17

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ಬೆಂಗಳೂರು